



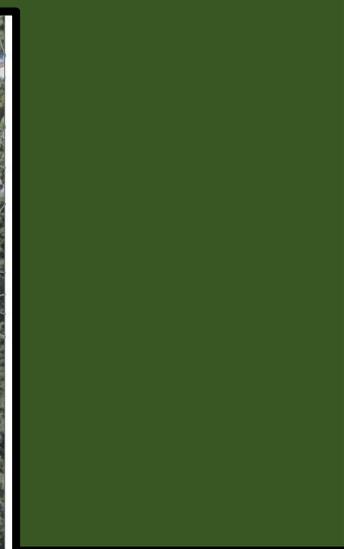
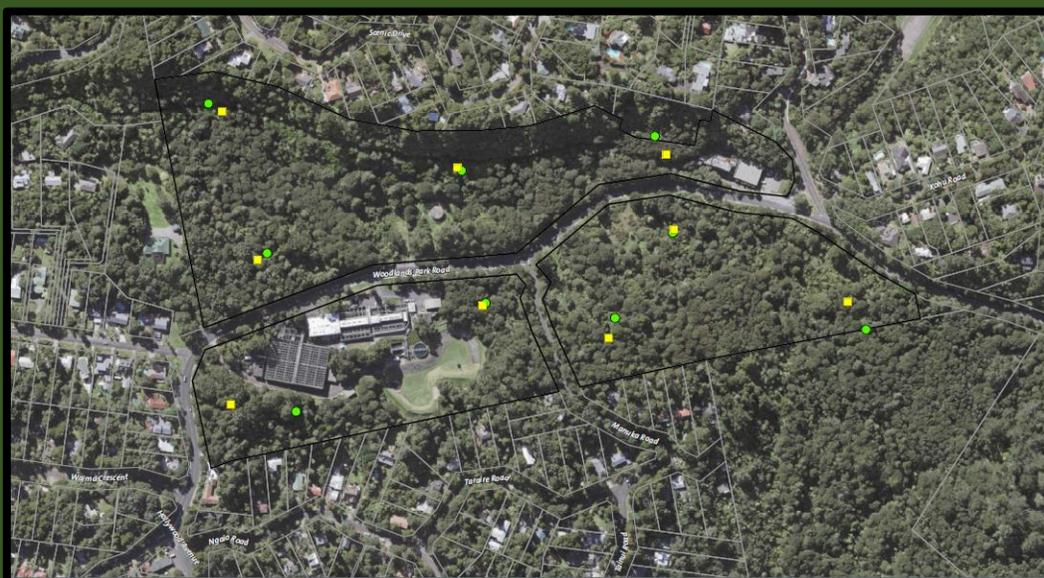
Huia Water Treatment Plant

Ecological Assessments

Assessment components

- Avifauna
- Bats
- Herpetofauna
- Freshwater habitat
- Vegetation
- External peer review
- *Entomology





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A16055 HUIA WTP ALTERNATIVES ASSESSMENT
Avifauna Survey Sites

Date: 11 December 2017 | Revision: 0
Plan prepared by Boffa Miskell Limited
Project Manager: Ian Northey@boffa.co.nz | Drawn: SGA | Checked: LSH

Date Source: Auckland Council Aerials (2016), Boffa Miskell
Projection: NZGD 2000 New Zealand Transverse Mercator

Legend:
 ● ARD Sites
 ● 5 Minute Bird Counts
 □ Site Boundary



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A16055 HUIA WTP ALTERNATIVES ASSESSMENT
Bat Transects 100 m

Date: 17 Oct 2016 | Revision: 0
Plan prepared for XXXXX by Boffa Miskell Limited
Project Manager: name@boffa.co.nz | Drawn: XSA | Checked: XSA

Legend:
 ● ADM Locations
 ● Streams
 ● Permanent
 ● Interim
 ● Ephemeral
 ● Kanuka Forest
 ● Kauri - Podocarp Forest
 ● Kanuka Broadleaf Scrub Mosaic
 ● Modified Scrub
 ● Existing WTP
 ● Decommissioned WTP

DRAFT

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A16055 HUIA WTP ALTERNATIVES ASSESSMENT
Lizard Survey Results

Date: 28 February 2018 | Revision: 0
Plan prepared by Boffa Miskell Limited
Project Manager: Rachel.deLambert@boffa.co.nz | Drawn: SGA | Checked: PCH

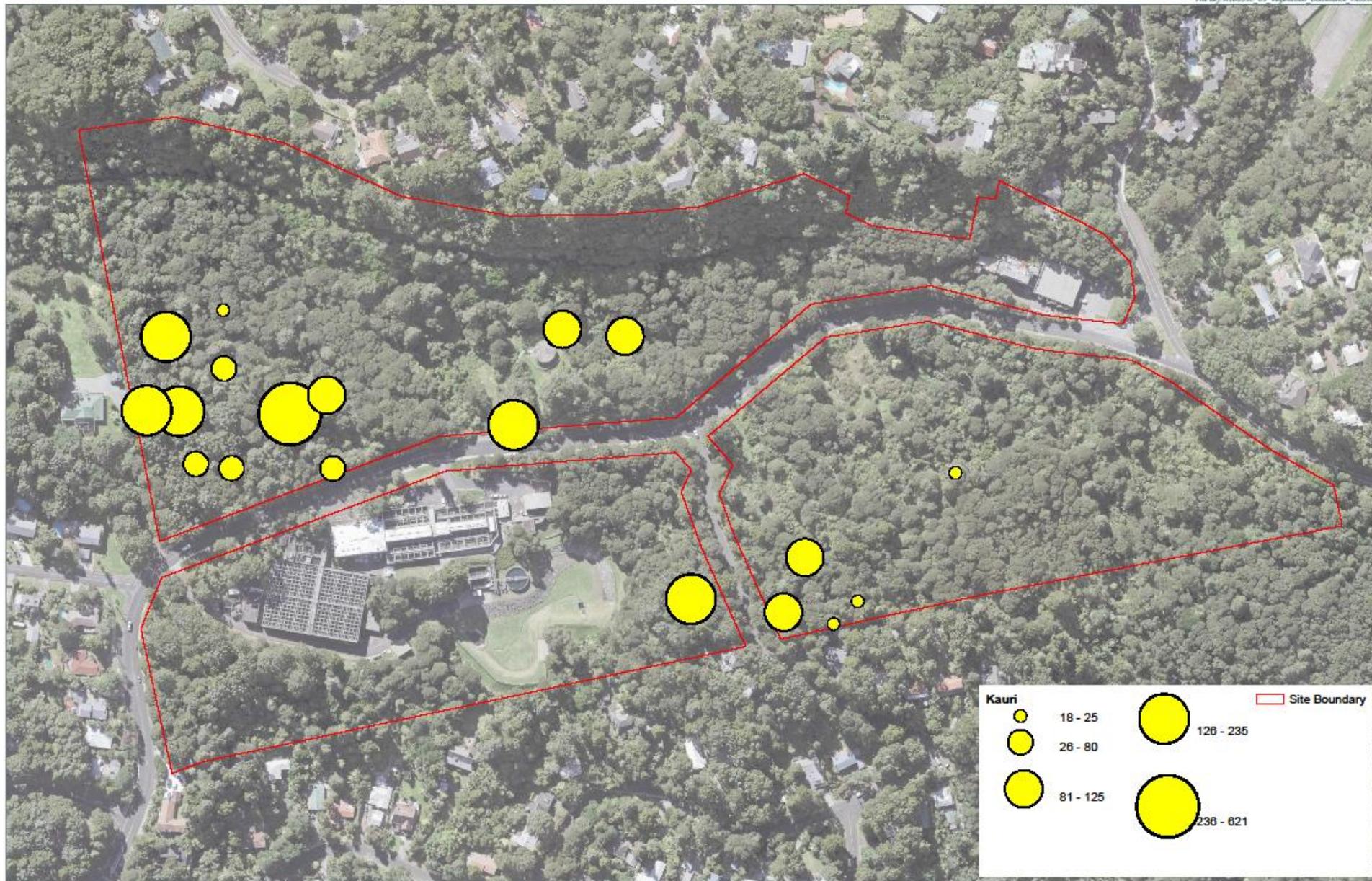
Legend:
 □ Land Parcels
 ● Kanuka Broadleaf Scrub Mosaic
 ● Modified Scrub
 ● Existing WTP
 ● Kauri - Podocarp Forest
 ● Decommissioned WTP
 ● Lizard Fauna Sampling Points
 ● Survey Area
 ● Lizard Observations
 ● Copper skink
 ● Unidentified skink

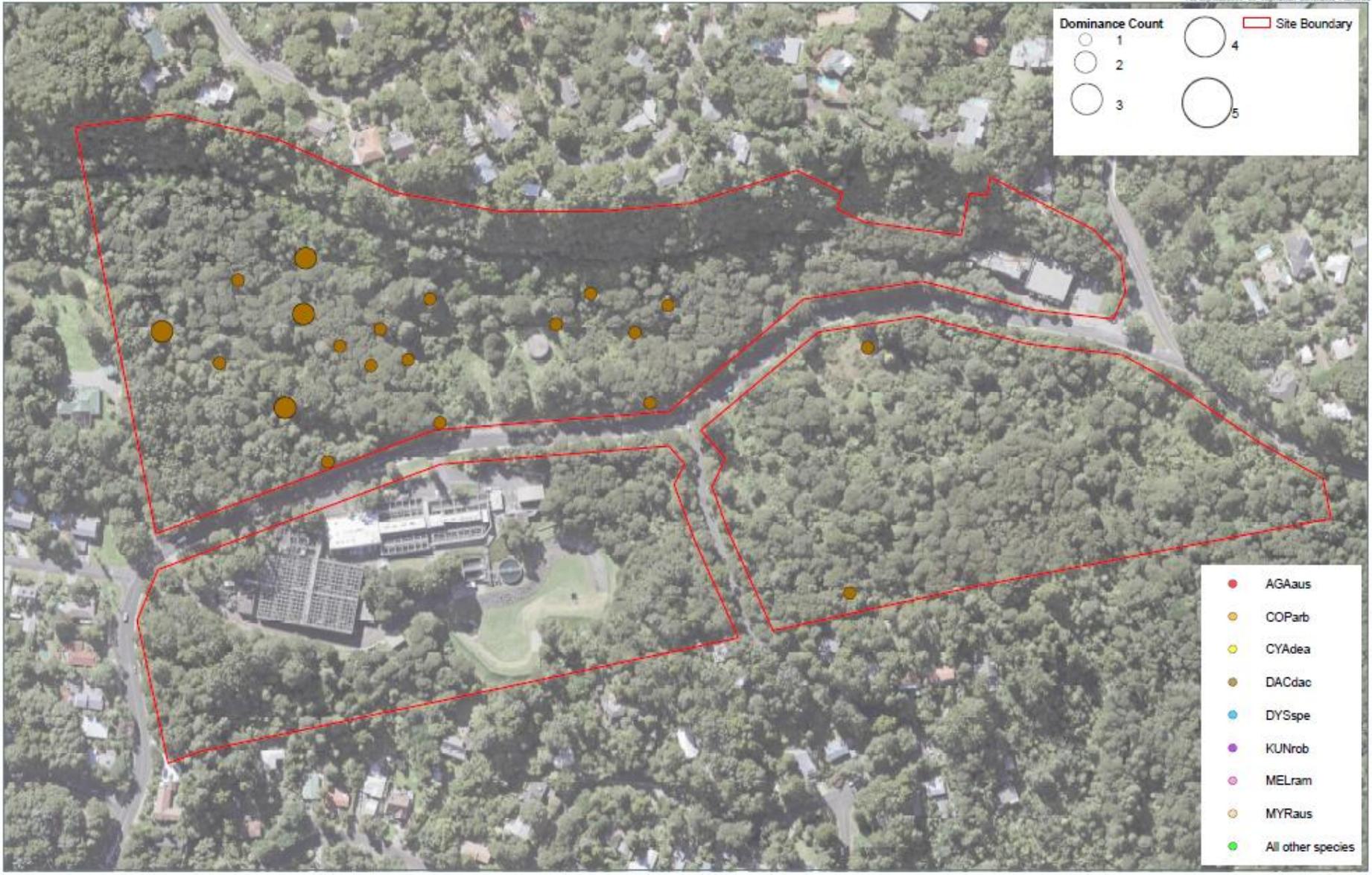


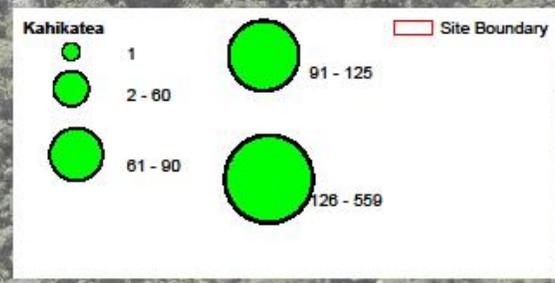
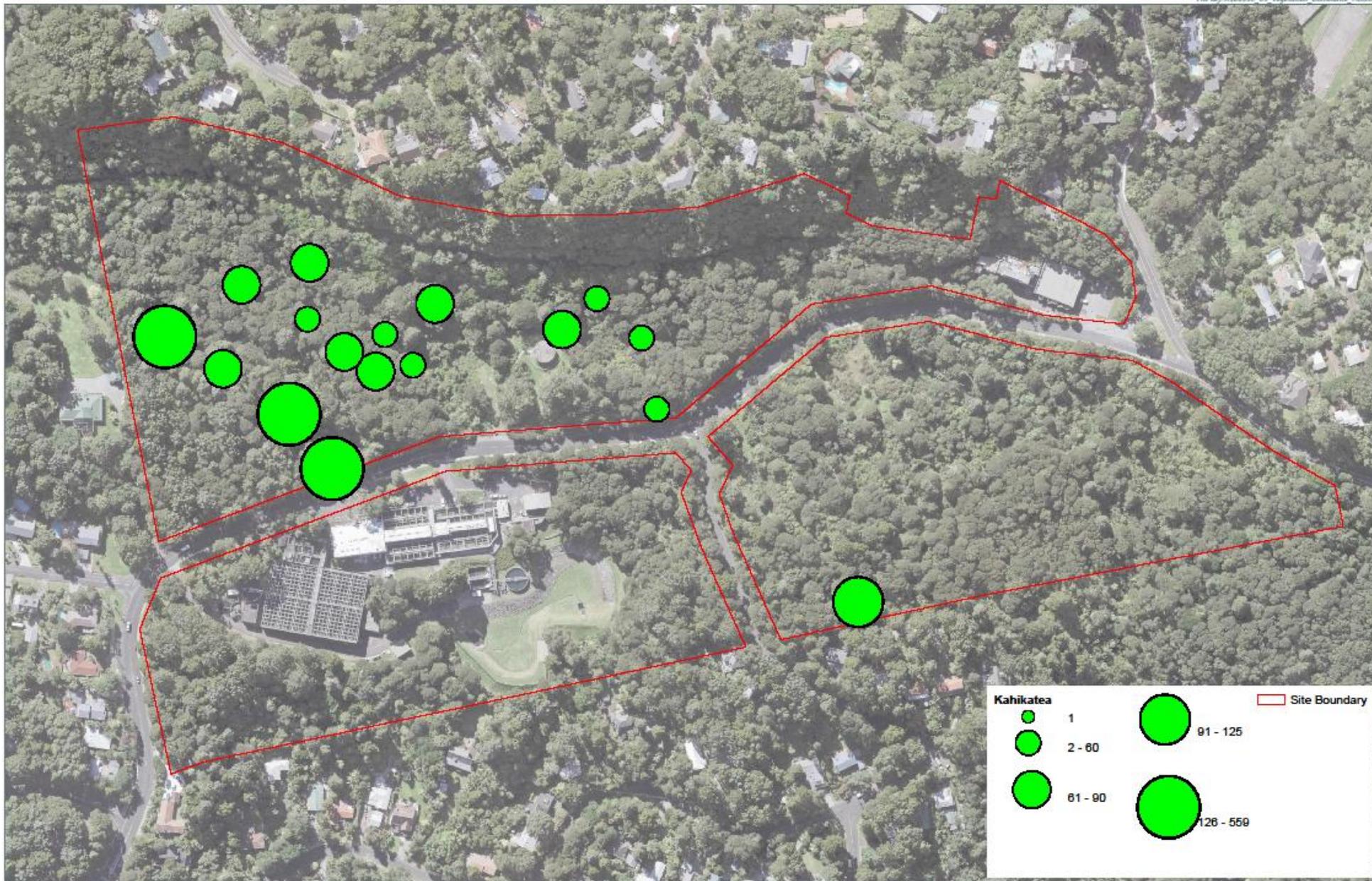


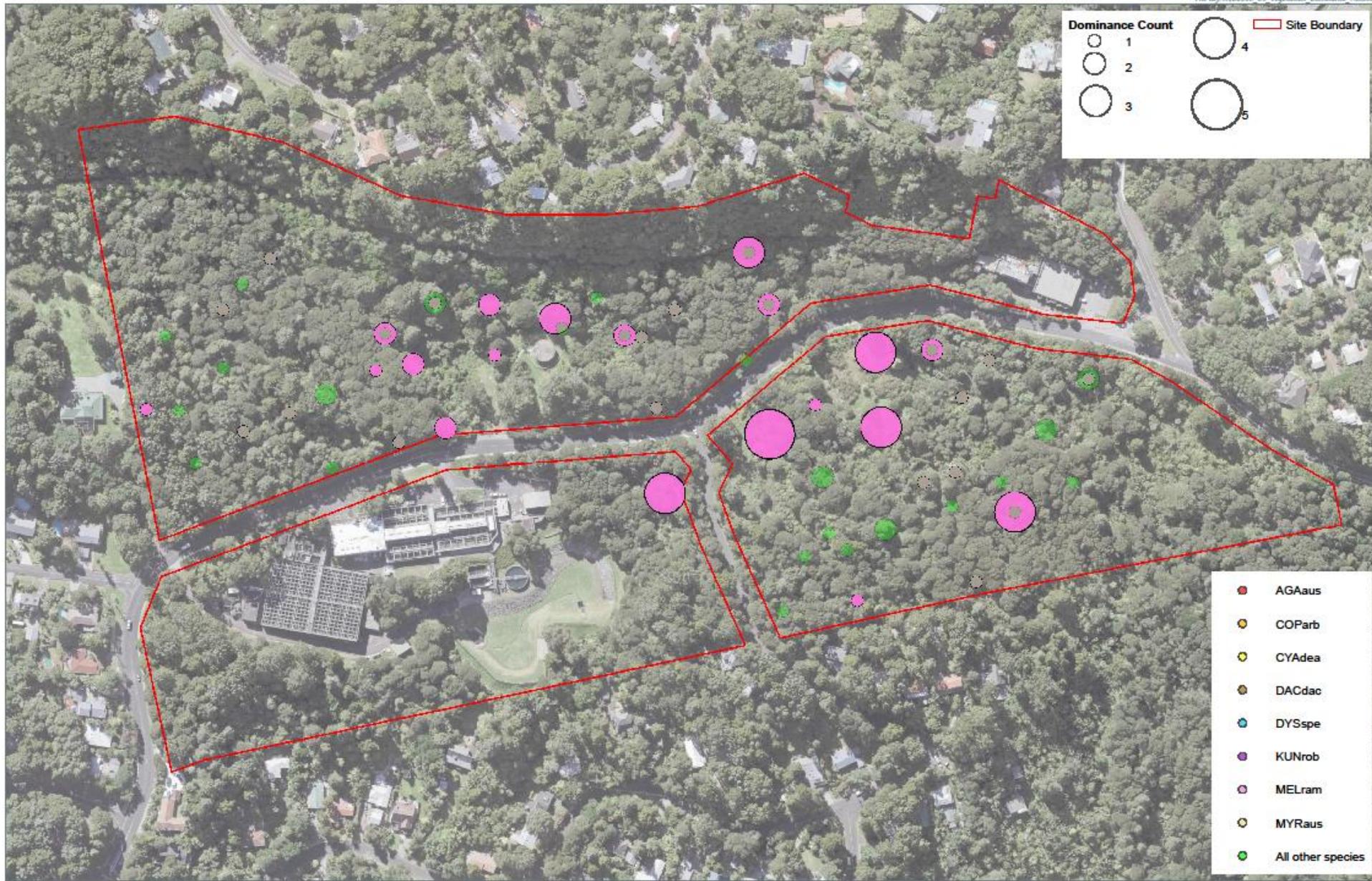








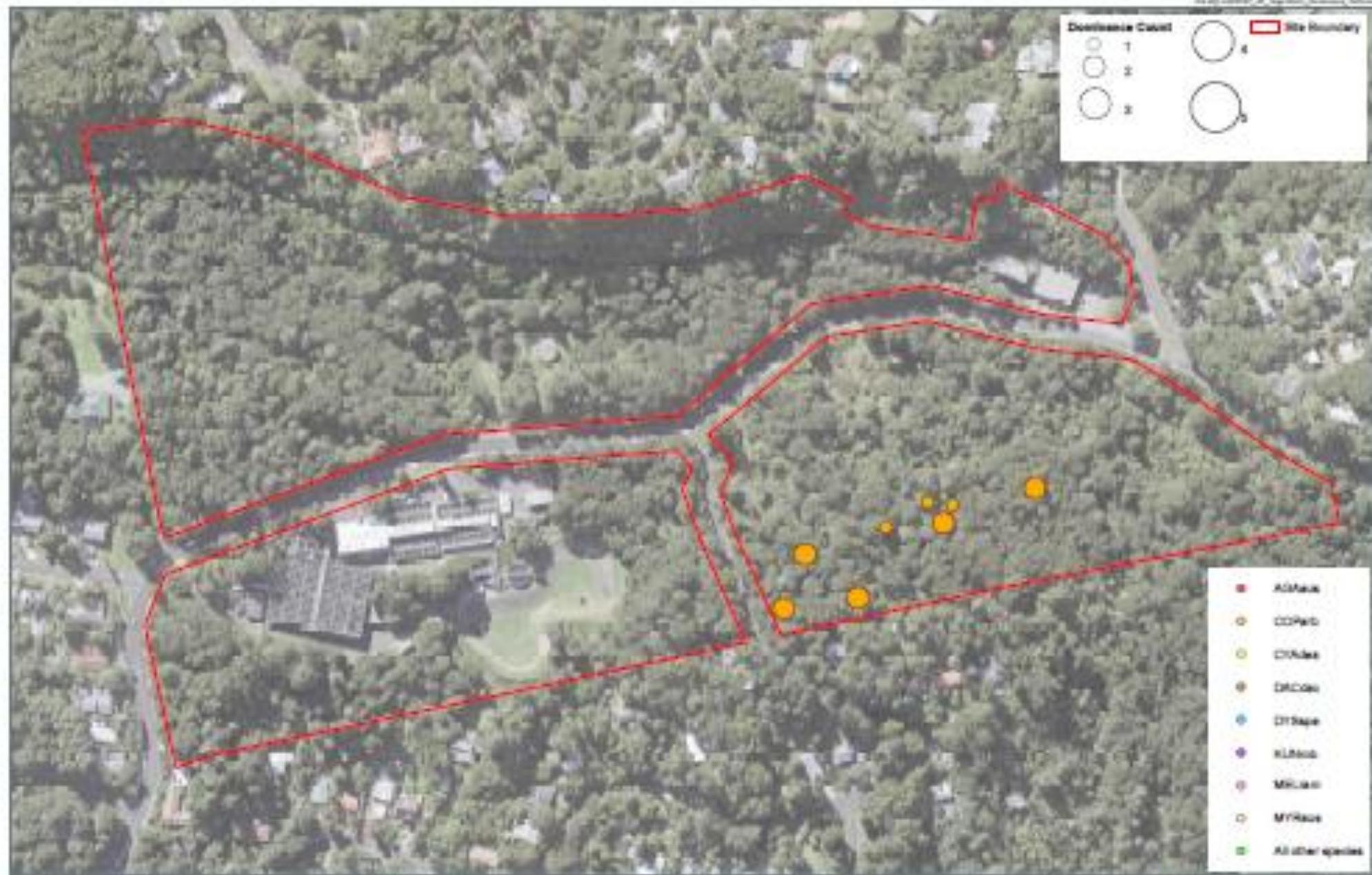


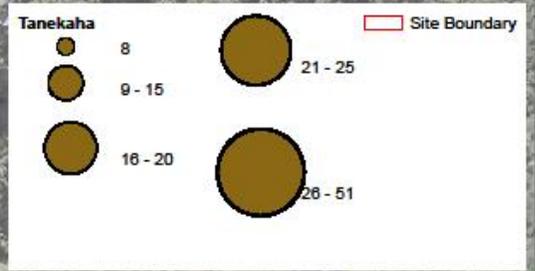
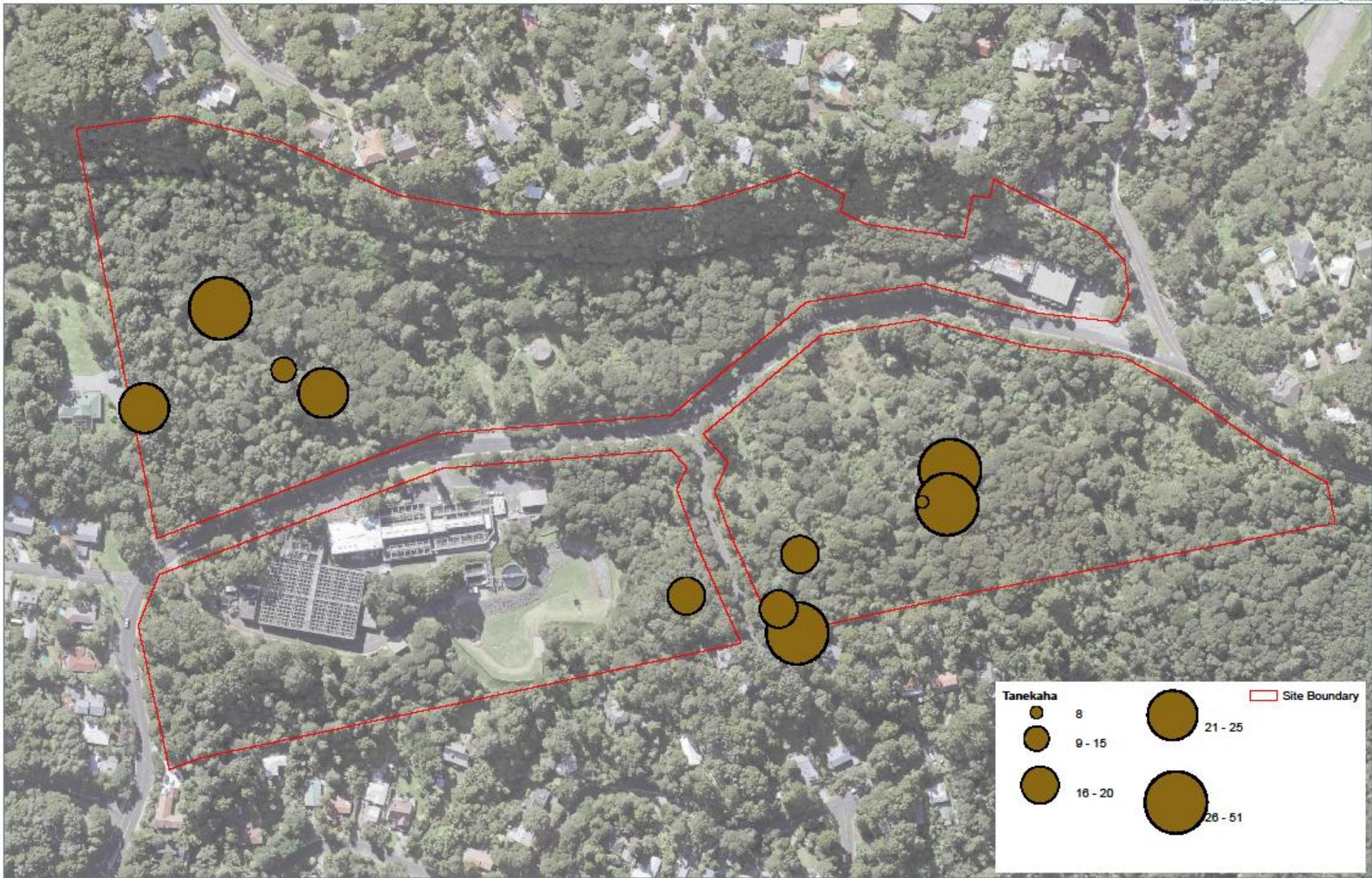


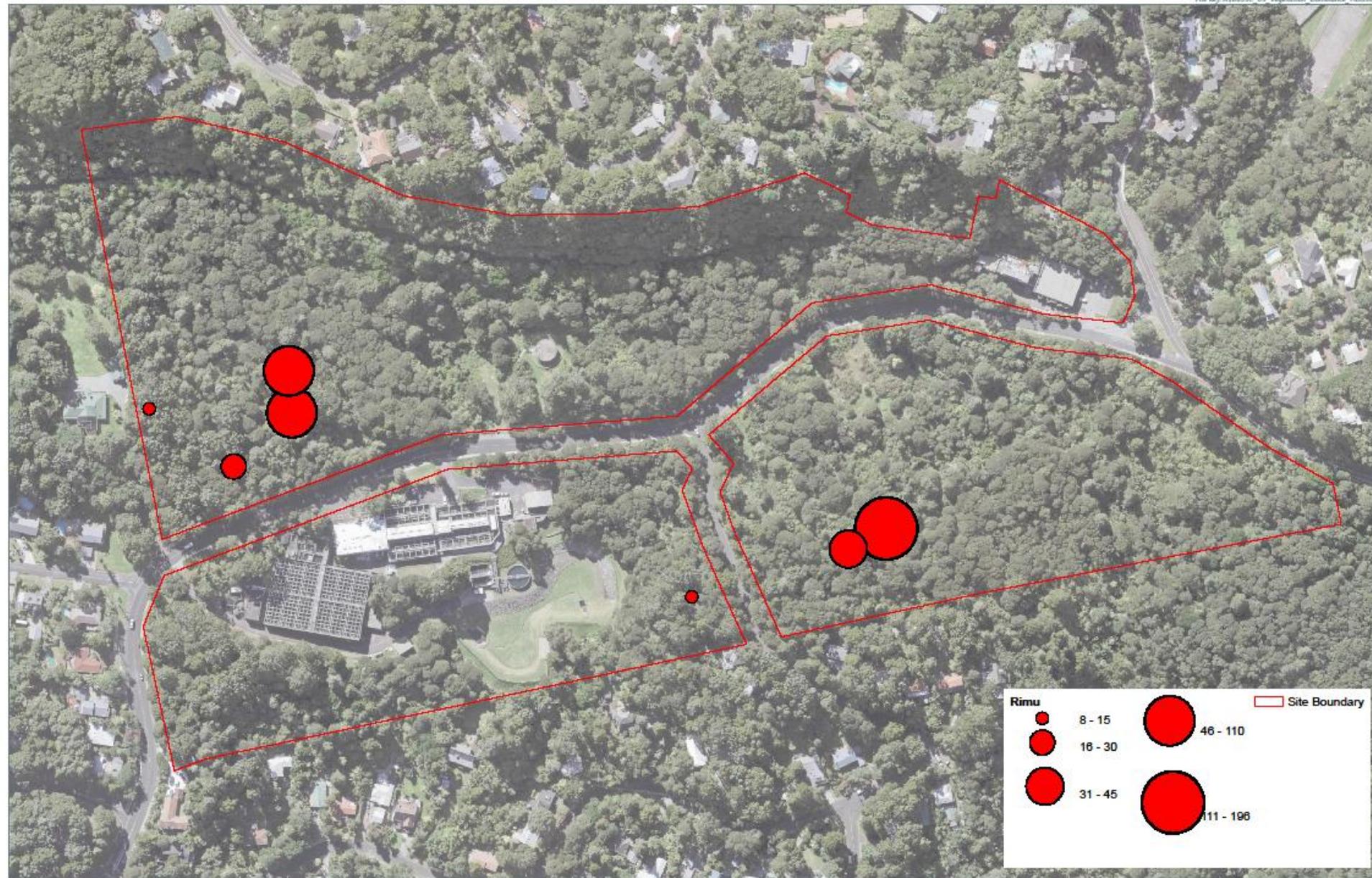
Data Sources: LINZ, BML

Projection: NZGD 2000 New Zealand Transverse Mercator

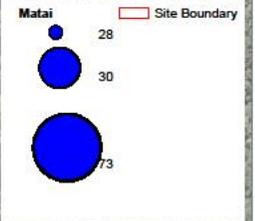
Legend







Legend

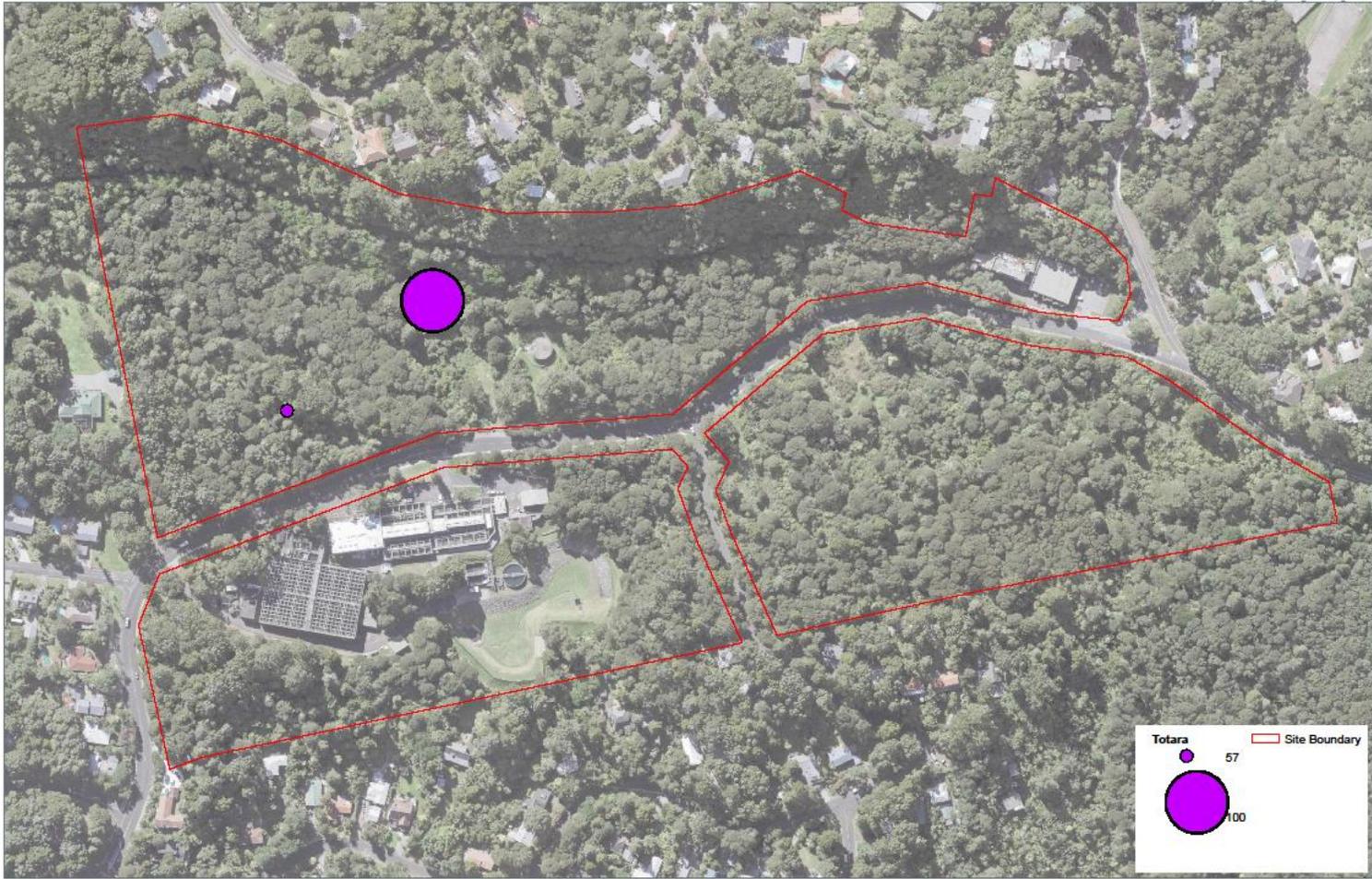


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Legend

A16055C HUIA WTP ECOLOGY ASSESSMENT OF EFFECTS
Vegetation Dominance Count
Date: 24 January 2018 | Revision: 0
Plan prepared by Boffa Miskell Limited
Project Manager: Ian Boothroyd@boffamiskell.co.nz | Drawn: MDU | Checked: SFI



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 Data Sources: LINZ, BML
0 40 m
1:2,000 @ A3
Projection: NZGD 2000 New Zealand Transverse Mercator

Legend

A16055C HUJA WTP ECOLOGY ASSESSMENT OF EFFECTS
Vegetation Dominance Count
Date: 24 January 2018 | Revision: 0
Plan prepared by Boffa Miskell Limited
Project Manager: Ian Boothroyd@boffamiskell.co.nz | Drawn: MDU | Checked: SH



Note: Any retaining wall or security fence should be located outside the 10m buffer.

